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22572U. S. DEPT. OF AGRICULTURE  
CROPS AND CONDITION REPORT

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# STATISTICAL SUMMARY

AGRICULTURAL RECORDS

Statistical Reporting Service, U.S.D.A.

Washington, D.C.

SS-262

October 28, 1964

## Crop Prospects as of October 1, 1964 According to the Crop Reporting Board

Corn for grain prospects decreased 2 percent during September to 3,564 million bushels, 13 percent below the record high 1963 crop and 3 percent below average.

Soybean production is estimated at 699 million bushels, 1 percent less than on September 1, fractionally lower than last year, but 16 percent above average.

Sorghum grain prospects declined 2 percent during September to 487 million bushels, 16 percent below last year, and 11 percent below average.

All spring wheat, estimated at 267 million bushels, is down 1 percent from last month, but 15 percent above last year and 14 above average.

Rice production is estimated at a record high of 72.5 million 100-pound bags, up 3 percent from 1963 and 33 percent above average.

Peanuts are estimated at 2,148 million pounds, up 5 percent from September 1 prospects, 6 percent above the 1963 crop, and 23 percent more than average.

Hay production is estimated at 115.2 million tons, unchanged from September 1, but 1 percent lower than last year, and 2 percent below average.

All Orange production (excluding the California Valencia crop for which the first forecast will be published December 10) is expected to be 43 percent more than last year, but 8 percent below average.

Fall potatoes prospects estimated at 179 million hundredweight, decreased 1 percent during September, are 9 percent below last year's crop and 6 percent below average.

## Feed Grain Prospects Decline

Production of the four feed grains in 1964 is not expected to total 137 million tons, 2 percent less than a month ago, 12 percent smaller than the 1963 total and 6 percent less than average.

Corn for grain production is now expected to total 3,564 million bushels--2 percent less than last month's forecast and 13 percent smaller than last year's record crop.

## Food Grains Hold About Steady

An increase in the expected rice output partly offset a reduction in spring wheat prospects to hold total food grain production about steady. Spring Wheat harvest was delayed by frequent showers but was finished by October 1, except for scattered fields at higher elevations in the northern Mountain States. The production for 1964 winter and spring wheat crops is 13 percent more than last year and 3 percent above average.

Rice production is now expected to total 3 percent larger than last year's record crop and one-third more than average. Hurricane Hilda

hit the rice area in Louisiana on October 3 and 4 but with harvest about 95 percent complete, losses are expected to be small.

## Pastures Improve

Reported pasture condition on October 1 gained 4 percentage points from a month earlier. The reported condition is 69 percent of normal compared with 71 percent a year earlier and the average of 80. During September there was marked improvement in all North Central States except Ohio and Indiana, but Pastures made little growth in the North Atlantic States and in Virginia, Delaware and Maryland. In the Southeast rainfall maintained generally good pastures and provided favorable conditions for starting fall and winter pasture crops. Rains the latter half of September boosted pasture prospects in the Southern Plains. Pasture condition declined in all western States except New Mexico, but earlier growth provided good prospects for fall and winter grazing especially in northern Mountain States.

## Prices of Farm Products

Commodity	Average prices received by farmers		Effective parity prices based on data for Sept. 1964
	August 1964	September 1964	
<b>Basic commodities:</b>			
Cotton, Amer. upland (lb.).....ct.	30.57	30.59	40.75
Wheat (bu.).....dol.	1.33	1.36	2.52
Rice (100 lb.).....dol.	4.80	4.72	6.35
Corn (bu.).....dol.	1.12	1.17	1.56
Peanuts (lb.).....ct.	10.9	11.0	14.1
<b>Designated nonbasic commodities:</b>			
Milkfat in cream (lb.).....ct.	58.5	59.0	77.6
Milk, wholesale (100 lb.).....dol.	4.10	14.28	5.38
Wool (lb.).....ct.	2 51.3	2 50.5	79.5
<b>Other nonbasic commodities:</b>			
Barley (bu.).....dol.	.879	.919	1.23
Cottonseed (ton).....dol.	44.90	44.70	62.90
Flaxseed (bu.).....dol.	2.70	2.71	3.82
Hay, baled (ton).....dol.	21.70	22.60	26.90
Oats (bu.).....dol.	.577	.606	.842
Potatoes (cwt.) .....	2.95	2.32	2.36
Rye (bu.).....dol.	.981	1.03	1.38
Sorghum, grain (100 lb.).....dol.	1.82	1.86	2.44
Soybeans (bu.).....dol.	2.35	2.51	3.03
Sweetpotatoes (cwt.) .....	4.94	4.30	5.73
Oranges, on tree (box).....dol.	3.44	3.78	3.22
Apples, for fresh use (bu.).....dol.	2.27	2.48	3.09
Beef cattle (100 lb.).....dol.	18.30	18.80	24.70
Calves (100 lb.).....dol.	19.40	19.90	28.00
Hogs (100 lb.).....dol.	15.60	16.20	21.70
Lambs (100 lb.).....dol.	20.60	20.40	24.70
Chickens, all (lb.).....ct.	13.9	13.9	22.6
Eggs (dozen).....ct.	34.5	34.8	47.0

<sup>1</sup>Preliminary.<sup>2</sup>Does not include incentive payment.

## Hay Downtrend Reversing

**HAY:** Production of all kinds of hay, estimated 115.2 million tons, is down 1 percent from last year and 2 percent below average. Expected output increased slightly during September to reverse a downtrend which continued through the summer. Production of alfalfa and alfalfa mixtures is now estimated to be 69.0 million tons--slightly less than last year, but up 3 percent from average.

Lespedeza hay production is estimated to be 2.9 million tons this year, down 2 percent from last year and 27 percent below average.

## More Farm Stored Grain

Feed grains stored on farms on October 1 totaled 8 percent more than a year earlier and

### Statistical Series of Interest to Agriculture

Item	1963		1964		
	Sept.	Year	July	Aug.	Sept.
	Mil.	Mil.	Mil.	Mil.	Mil.
Nonfarm employment, (civilian) <sup>1</sup> ..	64.2	63.9	66.6	66.7	65.6
Farm employment.....	8.2	6.5	7.5	7.2	7.2
Family .....	5.5	4.7	5.0	4.9	5.1
Hired.....	2.7	1.8	2.5	2.3	2.1
Index numbers (1957-59 = 100)					
Industrial production <sup>2</sup> .....	126	124	133	134	134
Total personal income payments <sup>3</sup> .....	128	127	135	136	136
Weekly factory earnings <sup>4</sup> .....	123	118	124	127	130
Average earnings of factory workers, per worker <sup>4</sup> .....	119	118	122	122	124
Wholesale prices, all commodities <sup>4</sup> .....	100	100	100	100	101
Farm commodities.....	96	96	94	94	96
Food, processed.....	101	101	101	101	102
Consumer price index <sup>4</sup> .....	107	107	108	108	--
Food.....	105	105	107	107	--
Index numbers (1910-14 = 100)					
Prices received by farmers.....	242	242	234	232	236
Crops .....	232	237	234	226	228
Food grains .....	213	224	162	161	164
Feed grains and hay.....	171	164	163	163	170
Cotton.....	276	271	274	258	258
Tobacco.....	498	494	489	487	482
Oil bearing crops.....	253	258	247	243	254
Fruit .....	264	279	272	283	293
Commercial vegetables .....	189	231	237	217	218
Livestock and products .....	250	245	234	237	244
Meat animals.....	294	290	275	274	282
Dairy products.....	262	253	243	252	262
Poultry and eggs .....	149	146	139	145	146
Prices paid by farmers					
All commodities.....	283	283	282	282	282
Used in living .....	297	298	300	300	299
Used in production.....	273	273	269	269	270
Commodities, interest, taxes, and wage rates (parity index)	311	312	312	313	313
Farm wage rates, seasonally adjusted.....	681	677	701	701	701
Parity ratio (prices received to parity index).....	78	78	75	74	75

<sup>1</sup>Bureau of the Census. <sup>2</sup>Federal Reserve Board. <sup>3</sup>Department of Commerce. <sup>4</sup>Bureau of Labor Statistics - any figures not available at press time omitted.

7 percent above average. Farm-stored corn totaled 27 percent more than last year while sorghum grain stocks were 21 percent higher. Stocks of oats were 8 percent and barley stocks 4 percent, less than a year earlier. Food grain stocks on farms were 23 percent more than last year, but a bit less than average. Farm holdings of wheat were 22 percent greater than last year, but 1 percent less than average. Rye stocks on farms were 65 percent more than last year's small holdings. Oilseed stocks on farms were 80 percent larger with soybean holdings nearly four times last year and twice the average level. Flaxseed holdings were 13 percent greater than last year.

## Fall Potatoes Decline, Sweetpotatoes Improve

Dry weather and scattered frosts during September lowered the indicated production of fall potatoes 1 percent from a month earlier. The current estimate is 9 percent less than the 1963 fall production. Estimated production is less than a month ago in western and central areas. Improved prospects in Maine more than offset declines in other eastern fall potato States. The total potato crop for 1964 (all seasonal groups) is now expected to be 10 percent less than last year and the smallest total since 1959.

Prospects for sweetpotatoes improved 2 percent during September, but the indicated 1964 production is 1 percent smaller than last year and 7 percent less than average.

## Livestock and Livestock Products

Item	Unit	Jan.-Aug. 1963	Jan.-Aug. 1964
<b>Dairy Production</b>			
Milk .....	Bil. lb.	196.3	197.0
Evaporated whole milk .....	Mil. lb.	1,371.2	1,361.1
Dry nonfat milk solids (for human food).....	Mil. lb.	1,569.2	1,597.7
Butter, creamery .....	Mil. lb.	1,039.2	1,037.3
Cheese, American.....	Mil. lb.	798.8	829.7
Ice cream .....	Mil. gal.	502.8	509.0
<b>Poultry Production</b>			
Eggs.....	Billions	147.7	148.7
Federally inspected slaughter: <sup>2</sup>			
Chickens .....	Mil. lb.	3,341.9	3,512.2
Turkeys.....	Mil. lb.	358.8	393.0
Poultry used for further processing .....	Mil. lb.	368.1	396.3
Liquid egg.....	Mil. lb.	475.4	519.7
Dried egg (egg solids).....	Mil. lb.	35.6	40.9
Frozen egg .....	Mil. lb.	297.7	306.1
<b>Meat Production</b> (dressed weight) <sup>3</sup>			
Beef.....	Mil. lb.	10,580	11,847
Veal.....	Mil. lb.	550	574
Pork .....	Mil. lb.	7,594	7,705
Lamb and mutton .....	Mil. lb.	496	466
Total red meat .....	Mil. lb.	19,220	20,592

<sup>1</sup>January-September.

<sup>2</sup>Ready-to-cook.

<sup>3</sup>Commercial; excludes farm slaughter.

## Other Crops--October 1 Estimates

**FLAXSEED:** Production of flaxseed is estimated 27.2 million bushels, down 4 percent from the September 1 estimate. The crop is down 14 percent from last year and 5 percent below average. Yield per acre, 9.3 bushels, is 4 percent less than last year, a little below the average of 9.4 bushels per acre.

**DRY BEANS:** The 1964 dry bean production is forecast at 18.1 million bags (100 pounds clean basis) based on conditions as of October 1, down nearly 4 percent from a month earlier, 13 percent below last year, and 5 percent below average. The prospective yield of 1,251 pounds per acre is down considerably from last year's yield of 1,483 and below the average of 1,282 pounds per acre.

**HOPS:** The October 1 forecast for hop production is 53.8 million pounds, 5 percent above last year and 18 percent above average.

**SUGAR BEETS:** Prospective production of sugar beets is 24,636,000 tons, down 198,000 tons from a month earlier. The estimated tonnage exceeds last year's record crop by 5 percent and is 46 percent more than average. The expected yield of 17.6 tons per acre is 1.3 tons less than the record high 18.9 tons harvested last year.

**SUGARCANE FOR SUGAR AND SEED:** Hurricane Hilda swept across the Louisiana sugarcane belt on October 3, flattening most of the cane and causing considerable breakage of stalks. Although preliminary appraisals indicate severe damage it is too early to get an accurate estimate of losses. Since the hurricane occurred after October 1, no allowance for losses caused by the storm is made in this report. Mainland sugarcane continued to make satisfactory progress under favorable weather conditions through September. Production estimated at 17,091,000 tons, based on prospects as of October 1, would be nearly one-fourth larger than the previous record-high set last year and more than double the average.

**COTTON:** The 1964 cotton crop is estimated at 15,274,000 bales based on preliminary reports on acreage measurements and October 1 crop prospects. The indicated crop is up 329,000 bales or 2 percent, from a month ago. The 1963 crop was 15,327,000 bales and the average is 13,905,000 bales.

**TOBACCO:** Combined weight of all types of tobacco is estimated at 2,138 million pounds--up about 22 million from the previous month's forecast. Principal changes among classes were a 33-million pound increase in flue-cured, and decreases of 10 million and 1.5 million in burley and cigar filler, respectively. All tobacco production reached an all-time high in 1963--2,337 million pounds--and averaged 1,971 million during the 1958-62 period.

A yield of 1,989 pounds per acre, equalling the 1963 all-time high is indicated for this year, having increased 20 pounds from the yield expected September 1. The 5-year average yield is 1,704 pounds.

The flue-cured crop is estimated at 1,318 million pounds.

A 607 million pound burley crop is expected--20 percent below the record-breaking 755 million produced last year but 12 percent above average.

The outlook for fire-cured tobacco is for 53.5 million pounds. This compares with 55.9 million pounds in 1963 and is 3.7 million above

## Farm-Retail Price Spreads

Farm-Retail Spread and Farmer's Share of the Consumer's  
Dollar for Market Basket of Farm-Food Products

Year and Month	Retail Cost <sup>1</sup>	Farm Value <sup>2</sup>	Farm-Retail Spread	Farmer's Share
1963 average.....	\$1,078	\$394	\$684	37%
1964 June .....	1,081	398	683	37%
1964 July .....	1,099	406	693	37%
1964 August .....	1,091	409	682	38%

<sup>1</sup>Retail cost of average quantities of farm foods purchased per family in 1952 by urban wage-earner and clerical-worker families calculated from retail prices collected by Bureau of Labor Statistics.

<sup>2</sup>Payment to farmers for equivalent quantities of farm produce minus imputed value of byproducts obtained in processing.

average. A record high yield of 1,640 pounds per acre is expected, 10 pounds more than last year and 187 pounds above average.

Production of dark air-cured types 35-37, at 22.4 million pounds, is slightly above indications a month ago.

Cigar filler production is estimated at 52.5 million pounds.

Output of cigar binder is expected to total 24.3 million pounds compared with 23.7 million pounds last season, and the 1958-62 average of 27.3 million.

## Cash Receipts From Farm Marketings, by States, August 1964<sup>1</sup>

State	Livestock and Products	Crops	Total
	1,000 dol.	1,000 dol.	1,000 dol.
NORTH ATLANTIC REGION			
Maine .....	11,453	3,683	15,136
New Hampshire.....	3,708	1,101	4,809
Vermont .....	9,252	743	9,995
Massachusetts.....	7,752	6,991	14,743
Rhode Island .....	1,057	957	2,014
Connecticut .....	8,132	3,834	11,966
New York .....	48,944	31,581	80,525
New Jersey.....	10,962	27,202	38,164
Pennsylvania .....	46,442	22,589	69,031
NORTH CENTRAL REGION			
Ohio .....	53,179	35,285	88,464
Indiana .....	62,530	31,098	93,628
Illinois.....	89,943	53,972	143,915
Michigan .....	33,677	41,190	74,867
Wisconsin.....	74,043	20,072	94,115
Minnesota .....	81,909	35,149	117,058
Iowa .....	166,692	22,618	189,310
Missouri.....	59,348	11,453	70,801
North Dakota .....	13,331	51,439	64,770
South Dakota.....	36,720	26,453	63,173
Nebraska .....	62,422	34,192	96,614
Kansas .....	53,469	45,499	98,968
SOUTHERN REGION			
Delaware .....	7,604	5,605	13,209
Maryland .....	18,027	8,762	26,789
Virginia .....	26,901	9,519	36,420
West Virginia .....	6,379	3,689	10,068
North Carolina.....	28,786	53,844	82,630
South Carolina .....	9,337	46,268	55,605
Georgia .....	39,253	108,586	147,839
Florida.....	20,323	20,313	40,636
Kentucky.....	29,077	5,115	34,192
Tennessee.....	25,695	5,959	31,654
Alabama .....	30,562	11,842	42,404
Mississippi.....	27,167	3,788	30,955
Arkansas .....	29,059	2,787	31,846
Louisiana .....	13,124	13,255	26,379
Oklahoma .....	35,077	9,148	44,225
Texas .....	81,572	124,740	206,312
WESTERN REGION			
Montana.....	10,382	22,096	32,478
Idaho .....	15,730	23,231	38,961
Wyoming .....	8,436	3,478	11,914
Colorado .....	36,835	23,367	60,202
New Mexico.....	6,671	3,756	10,427
Arizona .....	13,236	4,241	17,477
Utah .....	10,821	2,841	13,662
Nevada .....	1,178	485	1,663
Washington .....	16,981	63,778	80,759
Oregon .....	13,746	35,141	48,887
California .....	113,462	191,696	305,158
UNITED STATES .....	1,610,386	1,314,431	2,924,817
United States, Jan.-Aug. ....	12,727,354	8,244,221	20,971,575
Same Period, year ago <sup>2</sup> .....	12,870,868	8,189,155	21,060,023

<sup>1</sup>All figures represent sales of farm products, plus Commodity Credit loans reported during the month minus Commodity Credit loans repaid during the month. For comparisons of cash receipts with earlier months and years, see issues of the Farm Income Situation.

<sup>2</sup>Revised.

Cigar wrapper growers expect to produce 20.6 million pounds this year.

**APPLES:** The October 1 forecast of apple production in the United States, at 141.2 million bushels, is down 3 percent from the September 1 forecast, but 13 percent above last year.

**CITRUS:** The 1964-65 crop of Early, Midseason, and Navel Oranges is forecast at 60.6 million boxes, up 37 percent from last season but 5 percent below the 1958-62 average. Florida's production of these varieties is estimated at 44.6 million boxes, an increase of 60 percent from last season. Indicated production for California, at 14.5 million boxes, is down 5 percent from 1963-64. Arizona's crop is also expected to be short of last season. Texas production of early and midseason varieties is expected to be over four times greater than 1963-64 but only about one-half as much as the 1958-62 average.

### Cash Receipts From Farming and Index of Volume of Farm Marketings, United States<sup>1</sup>

	August 1964	September 1964
<b>CASH RECEIPTS</b>		
Total marketings and CCC loans <sup>2</sup> .....	2,925	3,400
Livestock and products .....	1,610	1,700
Meat animals .....	902	
Dairy products .....	396	
Poultry and eggs .....	296	
Other .....	16	
Crops .....	1,315	1,700
Food grains .....	277	
Feed crops .....	232	
Cotton (lint and seed) .....	76	
Oil-bearing crops .....	58	
Tobacco .....	175	
Vegetables .....	244	
Fruits and tree nuts .....	164	
Other .....	89	
Government payments .....	506	
Grand total .....	3,431	
<b>VOLUME OF FARM MARKETINGS:</b>		
	1957-59 = 100	
All commodities .....	117	131
Livestock and products .....	114	119
Crops .....	120	148

<sup>1</sup>For comparison with earlier months and years, see issues of the Farm Income Situation. <sup>2</sup>Receipts from loans represent value of loans minus value of redemptions during the month. Details may not add to total because of rounding.

### Farm Production: Index numbers of total farm output, gross production of livestock and crops, and related indexes, United States<sup>1</sup>

(1957-59 = 100)

Item	1951-53	1961	1962	1963	Pre-liminary 1964 <sup>2</sup>
Farm output .....	91	107	108	112	111
All livestock and livestock products <sup>3</sup> .....	92	106	107	110	113
Meat animals .....	95	106	108	113	116
Dairy products .....	94	103	104	103	104
Poultry and eggs .....	82	112	111	115	118
All crops <sup>4</sup> .....	93	107	107	112	109
Feed grains .....	77	99	100	110	97
Hay and forage .....	91	102	105	105	102
Food grains .....	98	106	98	102	114
Vegetables .....	91	110	108	109	104
Sugar crops .....	78	115	119	152	168
Cotton .....	127	116	121	126	124
Tobacco .....	128	119	134	131	123
Oil crops .....	64	122	123	129	129
Cropland used .....	106	95	92	94	94
Crop production per acre <sup>5</sup> .....	88	113	116	119	116
Animal units of breeding livestock <sup>6</sup> .....	102	98	99	100	100
Livestock production per breeding unit <sup>6</sup> .....	90	108	108	110	113

Prepared jointly by Economic Research Service and Statistical Reporting Service.

<sup>1</sup>For historical data and explanation of indexes, see, "Changes in Farm Production and Efficiency", USDA, Statistical Bulletin No. 233.

<sup>2</sup>Preliminary indexes for 1964 based on October 1964, "Crop Production" report and other releases of the Crop Reporting Board, SRS.

<sup>3</sup>Gross livestock production includes minor livestock products not included in the separate groups shown. It cannot be added to gross crop production to compute farm output.

<sup>4</sup>Gross crop production includes fruits and nuts and some miscellaneous crops not in the separate groups shown. It cannot be added to gross livestock production to compute farm output.

<sup>5</sup>Index crop production per acre is a ratio of total crop production to total land used for crops. It differs from the SRS index of yields per harvested acre of 28 crops.

<sup>6</sup>Animal units and production exclude horses and mules.

William T. Schanger, Editor